

FORM PTO-1449

ATTY. DOCKET NO.  
24743-2308SERIAL NO.  
10/014,731LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
MonforteFILING DATE  
December 11, 2001GROUP  
1743RECEIVED  
MAR 03 2003

GROUP 1700



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	NAME	CLASS	SM CLASS	FILING DATE
NONE													

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TECH CENTER	Yes
Ge	0	0	2	9	5	5	5	5	05/25/00	PCT				
GC	0	1	2	3	6	1	9	9	04/05/01	PCT				
Ge	0	1	8	4	1	5	4	4	11/08/01	PCT				
Ge	0	1	9	4	9	5	0	0	12/13/01	PCT				
Ge	0	2	3	9	1	2	0	0	A1 05/16/02	PCT				
Ge	9	9	1	0	4	8	5	5	03/04/99	PCT				
or	9	9	5	6	1	2	9	9	11/04/99	PCT				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	NONE
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Mary Cant

DATE CONSIDERED

7/15/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: MULTIPLEXED PROTEIN EXPRESSION AND ACTIVITY ASSAY

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24743-2308	SERIAL NO. 10/014,731	<b>RECEIVED</b> OCT 25 2002 <b>RECEIVED</b> OCT 10 2002 TECHNOLOGY CENTER 1700 TECH CENTER 1600/2900
	APPLICANT Monforte		
	FILING DATE December 11, 2001	GROUP 1743	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT			

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE
Ge	A	4	6	8	3	2	0	2		07/28/87	Mullis	435	91	10/25/85
Ge	B	5	2	2	3	4	0	8		06/29/93	Goeddel <i>et al.</i>	435	69.3	07/11/91
Ge	C	5	2	2	3	4	0	9		06/29/93	Ladner <i>et al.</i>	435	69.7	03/01/91
Ge	D	5	2	8	8	6	2	2		02/22/94	Gray <i>et al.</i>	435	69.4	06/11/92
Ge	E	5	3	1	6	9	2	2		05/31/94	Brown <i>et al.</i>	435	69.7	04/15/92
Ge	F	5	3	4	8	8	6	7		09/20/94	Georgiou <i>et al.</i>	435	69.7	11/15/91
Ge	G	5	3	8	2	5	1	3		01/17/95	Lam <i>et al.</i>	435	7.1	02/08/93
Ge	H	5	3	9	5	7	5	0		03/07/95	Dillon <i>et al.</i>	435	5	02/28/92
Ge	I	5	4	0	3	4	8	4		04/04/95	Ladner <i>et al.</i>	435	235.1	01/26/93
Ge	J	5	8	6	4	1	3	7		01/26/99	Becker <i>et al.</i>	250	287	10/01/96
Ge	K	5	9	6	5	3	6	3		10/12/99	Monforte <i>et al.</i>	435	6	12/02/96
Ge	L	6	0	5	1	3	7	8		04/18/00	Monforte <i>et al.</i>	435	6	03/04/97
Ge	M	6	0	9	0	5	5	0		07/18/00	Butler <i>et al.</i>	435	6	09/18/98
Ge	N	6	1	0	4	0	2	8		08/15/00	Hunter <i>et al.</i>	250	288	05/29/98
Ge	O	6	2	3	2	1	0	7		05/15/01	Bryan <i>et al.</i>	435	189	03/26/99

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS	Translation	
														Yes	No
None															

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	APPLICANT Monforte	
	FILING DATE December 11, 2001	GROUP 1743

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 OCT 10 2002  
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Gr	P	Arnheim <i>et al.</i> , "Polymerase Chain Reaction", <i>C&amp;EN</i> , pp. 36-47, 1990
Gr	Q	Arnott <i>et al.</i> , "An Integrated Approach to Proteome Analysis: Identification of Proteins Associated with Cardiac Hypertrophy", <i>Anal. Biochem.</i> , <u>258</u> :1-18, 1998
Gr	R	Barringer <i>et al.</i> , "Blunt-End and Single-Strand Ligations by <i>Escherichia coli</i> Ligase: Influence on an in vitro Amplification", <i>Gene</i> , <u>89</u> :117-122, 1990
Gr	S	Black <i>et al.</i> , "Random Sequence Mutagenesis for the Generation of Active Enzymes", <i>Methods in Mol. Biol.</i> , <u>57</u> :335-349, 1996
Gr	T	Boublik <i>et al.</i> , "Eukaryotic Virus Display: Engineering the Major Surface Glycoprotein of the <i>Autographa californica</i> Nuclear Polyhedrosis Virus (AcNPV) for the Presentation of Foreign Proteins on the Virus Surface", <i>Biotechnology</i> , <u>13</u> :1079-1084, 1995
Gr	U	Bruchez <i>et al.</i> , "Semiconductor Nanocrystals as Fluorescent Biological Labels", <i>Science</i> , <u>281</u> :2013-2016, 1998
Gr	V	Burritt <i>et al.</i> , "Filamentous Phage Display of Oligopeptide Libraries", <i>Anal. Biochem.</i> , <u>238</u> :1-13, 1996
Gr	W	Celis <i>et al.</i> , "2D Protein Electrophoresis: Can It Be Perfected?", <i>Curr. Opin. Biotechnol.</i> , <u>10</u> :16-21, 1999
Gr	X	Chee <i>et al.</i> , "Accessing Genetic Information with High-Density DNA Arrays", <i>Science</i> , <u>274</u> :610-614, 1996
Gr	Y	Chiswell <i>et al.</i> , "Phage Antibodies: Will New 'Coliclonal' Antibodies Replace Monoclonal Antibodies?", <i>Trends Biotechnol.</i> , <u>10</u> :80-84, 1992
Gr	Z	Clackson <i>et al.</i> , "Making Antibody Fragments Using Phage Display Libraries", <i>Nature</i> , <u>352</u> :624-628, 1991
Gr	AA	Easterling <i>et al.</i> , "Monitoring Protein Expression in Whole Bacterial Cells with MALDI Time-of-Flight Mass Spectrometry", <i>Anal. Chem.</i> , <u>70</u> (13):2704-2709, 1998
Gr	AB	Fannon, M., "Gene Expression in Normal and Disease States - Identification of Therapeutic Targets", <i>Trends Biotechnol.</i> , <u>14</u> :294-298, 1996
Gr	AC	Filippini <i>et al.</i> , "A Novel Flow Cytometric Method for the Quantification of p53 Gene Expression", <i>Cytometry</i> , <u>31</u> :180-186, 1998
Gr	AD	Fodor, S., "Massively Parallel Genomics", <i>Science</i> , <u>277</u> :393-395, 1997
Gr	AE	Fodor, S., "Genes, Chips, and the Human Genome", <i>FASEB Journal</i> , <u>11</u> :A879, 1997

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FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24743-2308	SERIAL NO. 10/014,730	RECEIVED OCT 10 2002 TECHNOLOGY CENTER 1700
	APPLICANT Monforte		
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LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Ge	AF	Fu <i>et al.</i> , "Isolation from Phage Display Libraries of Single Chain Variable Fragment Antibodies that Recognize Conformational Epitopes in the Malaria Vaccine Candidate, Apical Membrane Antigen-1", <i>J. Biol. Chem.</i> , <u>272</u> (41):25678-25684, 1997
Ge	AG	Garden <i>et al.</i> , "Excess Salt Removal with Matrix Rinsing: Direct Peptide Profiling of Neurons from Marine Invertebrates Using Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry", <i>J. Mass Spectrom.</i> , <u>31</u> :1126-1130, 1996
Ge	AH	Glaser <i>et al.</i> , "Antibody Engineering by Codon-Based Mutagenesis in a Filamentous Phage Vector System", <i>J. Immunol.</i> , <u>149</u> (12):3903-3913, 1992
Ge	AI	Gonzalez <i>et al.</i> , "Intracellular Detection Assays for High-Throughput Screening", <i>Curr. Opin. Biotechnol.</i> , <u>9</u> :624-631, 1998
Ge	AJ	Griffiths <i>et al.</i> , "Isolation of High Affinity Human Antibodies Directly from Large Synthetic Repertoires", <i>EMBO J.</i> , <u>13</u> (14):3245-3260, 1994
Ge	AK	Guatelli <i>et al.</i> , "Isothermal, <i>in vitro</i> Amplification of Nucleic Acids by a Multienzyme Reaction Modeled After Retroviral Replication", <i>Proc. Natl. Acad. Sci. USA</i> , <u>87</u> :1874-1878, 1990
Ge	AL	Hawkins <i>et al.</i> , "A Magnetic Attraction to High-Throughput Genomics", <i>Science</i> , <u>276</u> :1887-1889, 1997
Ge	AM	Hill <i>et al.</i> , "Phage Presentation", <i>Mol. Biol.</i> , <u>20</u> (4):685-692, 1996
Ge	AN	Hoffman <i>et al.</i> , "Expression of Fully Functional Tetrameric Human Hemoglobin in <i>Escherichia coli</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , <u>87</u> :8521-8525, 1990
Ge	AO	Hoogenboom <i>et al.</i> , "Multi-Subunit Proteins on the Surface of Filamentous Phage: Methodologies for Displaying Antibody (Fab) Heavy and Light Chains", <i>Nucl. Acids Res.</i> , <u>19</u> (15):4133-4137, 1991
Ge	AP	Houston <i>et al.</i> , "The Chemical-Biological Interface: Developments in Automated and Miniaturised Screening Technology", <i>Curr. Opin. Biotechnol.</i> , <u>8</u> :734-740, 1997
Ge	AQ	Houston <i>et al.</i> , "Rapid Analysis of Hemoglobin from Whole Human Blood by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry", <i>Rapid Commun. Mass Spectrom.</i> , <u>1</u> :1435-1439, 1997
Ge	AR	Huse <i>et al.</i> , "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", <i>Science</i> , <u>246</u> :1275-1281, 1989
Ge	AS	<u>IUPAC-IUB Commission on Biochemical Nomenclature Symbols for Amino-Acid Derivatives and Peptides Recommendations (1971)</u> , <i>Biochem.</i> , <u>11</u> :942-944, 1972

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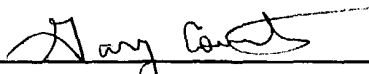
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Gr	AT	IUPAC-IUB Combined Commission on Biochemical Nomenclature Abbreviated Nomenclature of Synthetic Polypeptides (Polymerized Amino Acids) <sup>1-3</sup> Tentative Rules", <i>J. Biol. Chem.</i> , <u>243</u> (10):2451-2453, 1968
Gr	AU	Jessen <i>et al.</i> , "Production of Human Hemoglobin in <i>Escherichia coli</i> Using Cleavable Fusion Protein Expression Vector", <i>Methods Enzymol.</i> , <u>231</u> :347-364, 1994
Gr	AV	Jimenez <i>et al.</i> , "Ultramicroanalysis of Peptide Profiles in Biological Samples Using MALDI Mass Spectrometry", <i>Exp Nephrol.</i> , <u>6</u> :421-428, 1998
Gr	AW	Kirk-Othmer Encyclopedia of Chemical Technology, Volume 5, Fourth Edition, pp. 1071-1094
Gr	AX	Kohler <i>et al.</i> , "Continuous Cultures of Fused Cells Secrete Antibody of Predefined Specificity", <i>Nature</i> , <u>256</u> :495-497, 1975
Gr	AY	Kozian <i>et al.</i> , "Comparative Gene-Expression Analysis", <i>Trends Biotechnol.</i> , <u>17</u> :73-78, 1999
Gr	AZ	Kwoh <i>et al.</i> , "Transcription-based Amplification System and Detection of Amplified Human Immunodeficiency Virus Type 1 with a Bead-Based Sandwich Hybridization Format", <i>Proc. Natl. Acad. Sci. USA</i> , <u>86</u> :1173-1177, 1989
Gr	BA	Landegren <i>et al.</i> , "A Ligase-Mediated Gene Detection Technique", <i>Science</i> , <u>241</u> :1077-1080, 1988
Gr	BB	Li <i>et al.</i> , "Detection Limits for Matrix-assisted Laser Desorption of Polypeptides with an External Ion Source Fourier-transform Mass Spectrometer", <i>Rapid Commun. Mass Spectrom.</i> , <u>8</u> :743-749, 1994
Gr	BC	Lomelli <i>et al.</i> , "Quantitative Assays Based on the Use of Replicable Hybridization Probes", <i>Clin. Chem.</i> , <u>35</u> (9):1826-1831, 1989
Gr	BD	Lowman, H.B., "Bacteriophage Display and Discovery of Peptide Leads for Drug Development", <i>Annu. Rev. Biophys. Biomol. Struct.</i> , <u>26</u> :401-424, 1997
Gr	BE	Methods and Materials: Amplification of Nucleic Acid Sequences: The Choices Multiply, <i>The Journal of NIH Research</i> , <u>3</u> :81-86, 1991
Gr	BF	Nicola <i>et al.</i> , "Application of the Fast-evaporation Sample Preparation Method for Improving Quantification of Angiotensin II by Matrix-assisted Laser Desorption/Ionization", <i>Rapid Commun. Mass Spectrom.</i> , <u>9</u> :1164-1171, 1995
Gr	BG	Opitek <i>et al.</i> , "Comprehensive Two-Dimensional High-Performance Liquid Chromatography for the Isolation of Overexpressed Proteins and Proteome Mapping", <i>Anal. Biochem.</i> , <u>258</u> :349-361, 1998

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Ge	BH	Parmley <i>et al.</i> , "Antibody-selectable Filamentous fd Phage Vectors: Affinity Purification of Target Genes", <i>Gene</i> , <u>73</u> :305-318, 1988
Ge	BI	Persic <i>et al.</i> , "Single-chain Variable Fragments Selected on the 57-76 p21R as Neutralising Epitope from Phage Antibody Libraries Recognise the Parental Protein", <i>FEBS Lett.</i> , <u>443</u> :112-116, 1999
Ge	BJ	Rivera <i>et al.</i> , "A Solid-Phase Fluorescent Immunoassay for Detecting Canine or Mink Enteritis Parvoviruses in Faecal Samples", <i>Veter. Microbiol.</i> , <u>15</u> :1-9, 1987
Ge	BK	Rodi <i>et al.</i> , "Phase-display Technology - Finding a Needle in a Vast Molecular Haystack", <i>Curr. Opin. Biotechnol.</i> , <u>10</u> :87-93, 1987
Ge	BL	Sambrook <i>et al.</i> , "Molecular Cloning, A Laboratory Manual", Cold Spring Harbor Laboratory Press, Chapter 8, Vol. 3, p. B.13, 1989
Ge	BM	Sarubbi <i>et al.</i> , "A Cell-Free, Nonisotopic, High-Throughput Assay for Inhibitors of Type-I Interleukin-1 Receptor", <i>Anal. Biochem.</i> , <u>237</u> :70-75, 1996
Ge	BN	Shen <i>et al.</i> , "Production of Unmodified Human Adult Hemoglobin in <i>Escherichia coli</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , <u>90</u> :8108-8112, 1993
Ge	BO	Smith <i>et al.</i> , "Single-step Purification of Polypeptides Expressed in <i>Escherichia coli</i> as Fusions with Glutathione S-Transferase", <i>Gene</i> , <u>67</u> :31-40, 1988
Ge	BP	Solouki <i>et al.</i> , "Attomole Biomolecule Mass Analysis by Matrix-Assisted Laser Desorption/Ionization Fourier Transform Ion Cyclotron Resonance", <i>Anal. Chem.</i> , <u>67</u> :4139-4144, 1996
Ge	BQ	Sooknanan <i>et al.</i> , "A Detection and Amplification System Uniquely Suited for RNA", <i>Biotechnology</i> , <u>13</u> :563-564, 1995
Ge	BR	Studier <i>et al.</i> , "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes", <i>Methods Enzymol.</i> , <u>185</u> :60-89, 1990
Ge	BS	Suto <i>et al.</i> , "Selection of an Optimal Reporter Gene for Cell-Based High Throughput Screening Assays", <i>J. Biomol. Screening</i> , <u>2</u> (1):7-9, 1997
Ge	BT	Tijssen <i>et al.</i> , "Enzyme-linked Immunosorbent Assays and Developments in Techniques Using Latex Beads", <i>Curr. Opin. Immunol.</i> , <u>3</u> :233-237, 1991
Ge	BU	van Adrichem <i>et al.</i> , "Investigation of Protein Patterns in Mammalian Cells and Culture Supernatants by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry", <i>Anal. Chem.</i> , <u>70</u> :923-930, 1998

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Larry Count

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Ge	BV	Van Brunt, J., "Amplifying Genes: PCR and Its Alternatives", <i>Biotechnology</i> , 8:291-294, 1990
Ge	BW	Vastzis <i>et al.</i> , "Discovery of Three Genes Specifically Expressed in Human Prostate by Expressed Sequence Tag Database Analysis", <i>Proc. Natl. Acad. Sci. USA</i> , 95:300-304, 1998
Ge	BX	Ward <i>et al.</i> , "Binding Activities of a Repertoire of Single Immunoglobulin Variable Domains Secreted from <i>Escherichia coli</i> ", <i>Nature</i> , 341:544-546, 1989
Ge	BY	Watson <i>et al.</i> , "Molecular Biology of the Gene", 4th Edition, 1987, The Benjamin/Cummins Pub. Co., p. 224
Ge	BZ	Weickert <i>et al.</i> , "Turnover of Recombinant Human Hemoglobin in <i>Escherichia coli</i> Occurs Rapidly for Insoluble and Slowly for Soluble Globin", <i>Arch. Biochem. Biophys.</i> , 348(2):337-346, 1997
Ge	CA	Whittall <i>et al.</i> , "Nanoliter Chemistry Combined with Mass Spectrometry for Peptide Mapping of Proteins from Single Mammalian Cell Lysates", <i>Anal. Chem.</i> , 70:5344-5347, 1998
Ge	CB	Wilson <i>et al.</i> , "Phage Display: Applications, Innovations, and Issues in Phage and Host Biology", <i>Can. J. Microbiol.</i> , 44:313-329, 1998
Ge	CC	Woo <i>et al.</i> , "The Advance of Technology as a Prelude to the Laboratory of the Twenty-First Century", <i>Clin. Lab. Med.</i> , 14:459-471, 1994
Ge	CD	Wu <i>et al.</i> , "The Ligation Amplification Reaction (LAR)--Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation", <i>Genomics</i> , 4:560-569, 1989
Ge	CE	Xiang <i>et al.</i> , "A Method to Increase Contaminant Tolerance in Protein Matrix-assisted Laser Desorption/Ionization by the Fabrication of Thin Protein-doped Polycrystalline Films", <i>Rapid Commun. Mass Spectrom.</i> , 8:199-204, 1994

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